

What is claimed is:

1. A tire/wheel assembly where a run-flat support member is inserted, coaxially with a rim, in a cavity portion of a pneumatic tire, wherein a retention groove for lubricant on an inner peripheral surface of the pneumatic tire is provided in a manner that the retention groove is faced at least to an apex of the run-flat support member.

2. The tire/wheel assembly according to claim 1, wherein a depth of the retention groove is in a range of 0.5 to 2.0 mm.

3. The tire/wheel assembly according to any one of claims 1 and 2, wherein a width of the retention groove is set in a manner that: each of one-side widths thereof is set in a range of 5.0 to 10.0 mm from a position facing the center of an apex of the run-flat support member in a width-wise direction thereof.

4. The tire/wheel assembly according to any one of claims 1 to 3, wherein any one of a fiber reinforced layer and a reinforcement rubber layer is inserted between a bottom of the retention groove and a carcass layer.

5. The tire/wheel assembly according to any one of claims 1 to 4, wherein reinforcing cords of the fiber reinforced layer are tilted in an angle in a range of 45 to 90 degrees with respect to a circumferential direction of the tire.